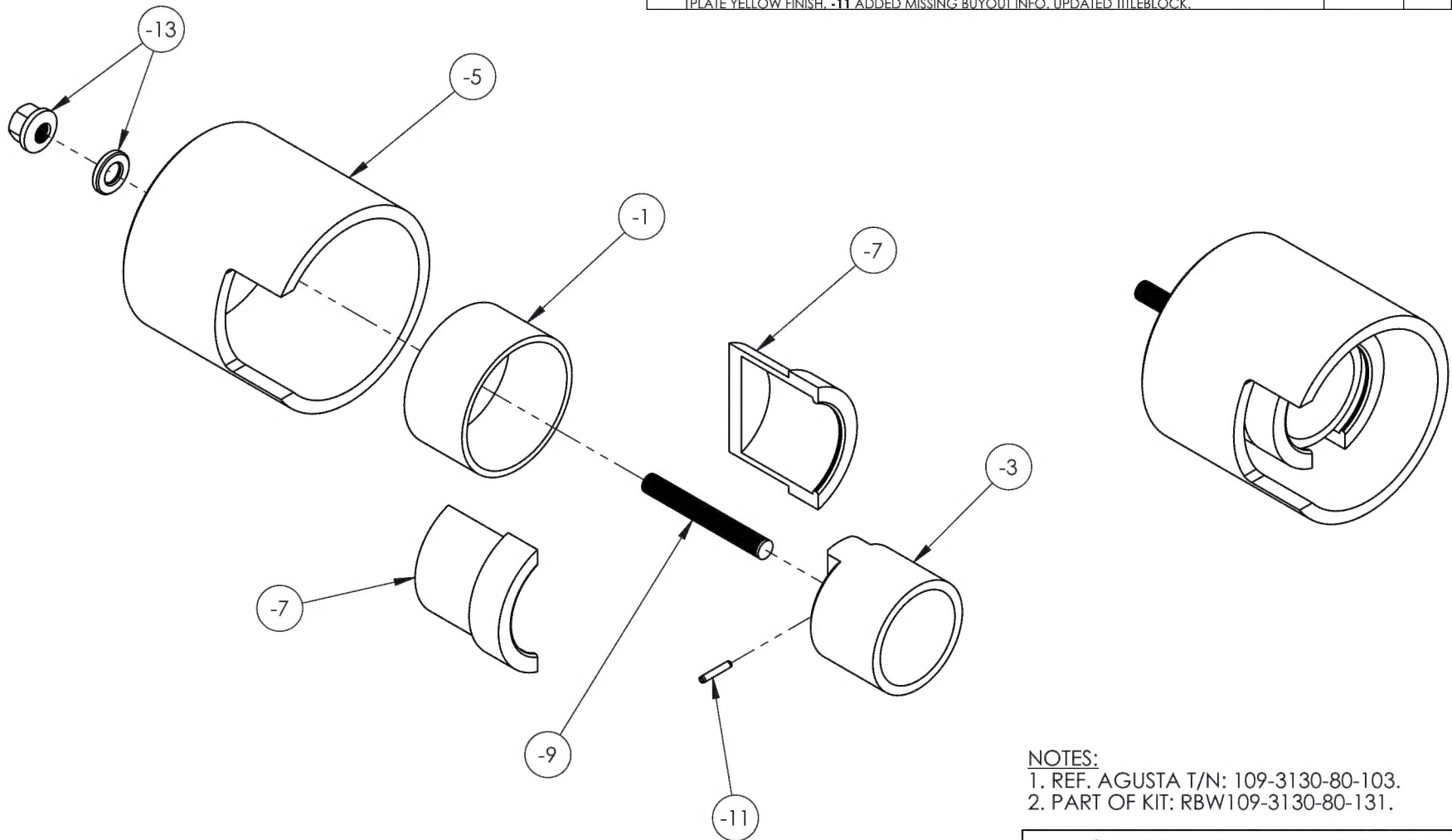


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	-1 ADDED CLEAR ANODIZE FINISH. -3 ADDED CAD PLATE YELLOW FINISH. CH'D MATERIAL FROM STEEL TO 4140 Q&T. -5 ADDED CLEAR ANODIZE FINISH. -7 ADDED CAD PLATE FINISH. -9 ADDED CAD PLATE YELLOW FINISH. -11 ADDED MISSING BUYOUT INFO. UPDATED TITLEBLOCK.	10/17/2013	CS	RJC



**NOTES:**

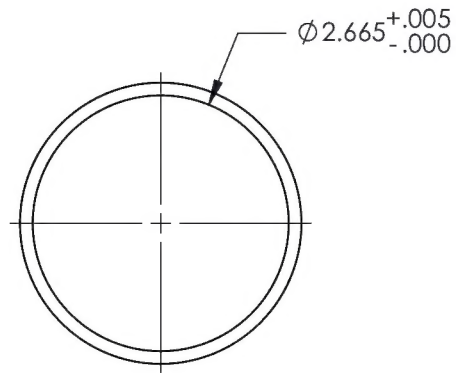
1. REF. AGUSTA T/N: 109-3130-80-103.
2. PART OF KIT: RBW109-3130-80-131.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	RING	6061	Ø3 X 1-5/8	2
			-3	1	BASE	4140 Q&T	Ø2-1/2 X 2-1/8	3
			-5	1	CUP	6061	Ø4-1/2 X 4	4
			-7	2	INSERT	4140 Q & T	Ø3 X 2-1/2	5
		B/O	-9	1	THREADED ROD	STEEL	10mm MCMAS-TER-CARR #99067A251 MODIFIED	6
		B/O	-11	1	SPRING PIN	STEEL	Ø1/8 X 3/4 MCMAS-TER-CARR #98296A881	1
		B/O	-13	1	SPERICAL NUT & WASHER	STEEL	M10 CARR LANE #CLM-10-SNW	1

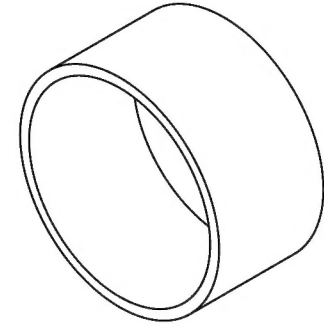
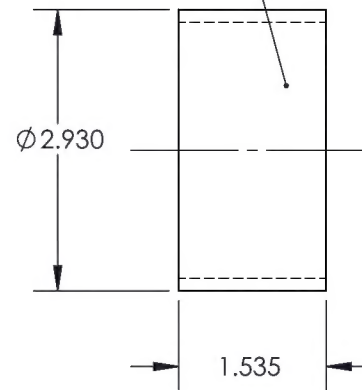
<b>RED BARN MACHINE</b>	
TITLE <b>HOLDER REMOVAL TOOL</b>	
DWG NO. <b>RBW109-3130-80-103</b>	REV <b>A</b>
MAT'L <b>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</b>	DRAWN BY: <b>GILBERT</b>
.XXX ± .005 .XX ± .01 .X ± .1	APPROVED <i>D Weil</i>
FRACTIONS ± 1/32 ANGLES ± 5°	HEAT TREAT FINISH
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL <b>AW109</b>
SCALE <b>1:3</b>	DATE <b>4/11/2011</b>
SHEET 1 OF 6	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	-1 ADDED CLEAR ANODIZE FINISH.	10/17/2013	CS	RJC



ENGRAVE P/N

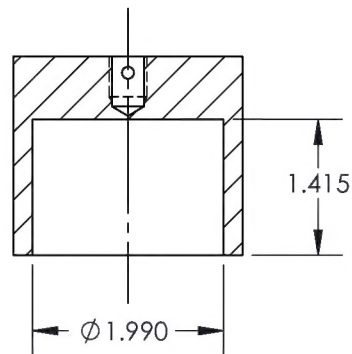
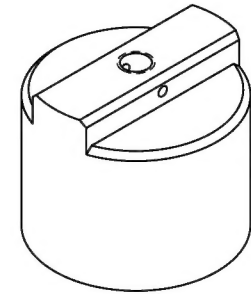
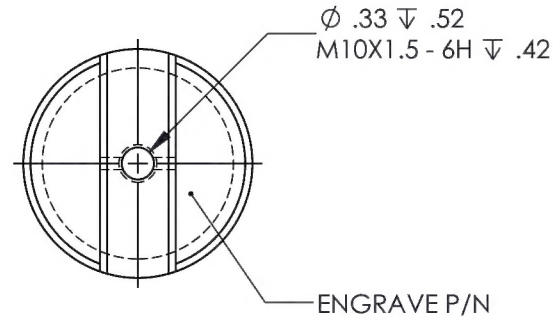


(-1)  
RING

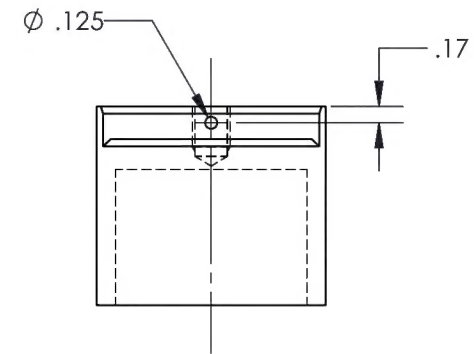
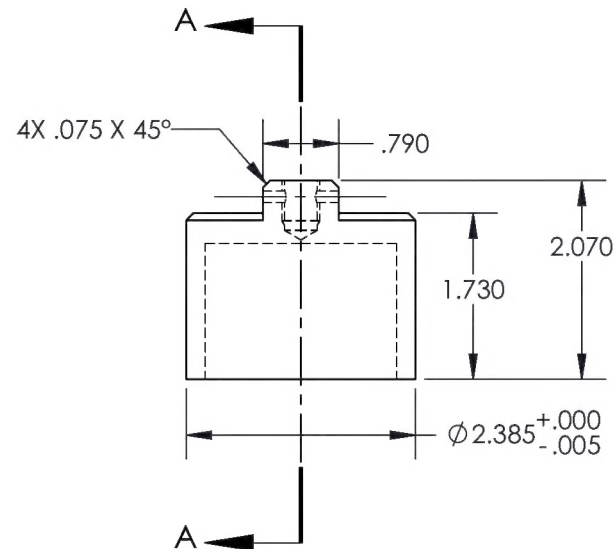
 <b>RED BARN MACHINE</b>	
TITLE <b>HOLDER REMOVAL TOOL</b>	
DWG NO. <b>RBW109-3130-80-103-1</b>	REV <b>A</b>
MAT'L 6061	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/32	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH CLEAR ANODIZE
.X ± .1	SPEC MIL-A-8625F, TYPE II, CLASS I
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW109
SCALE 1:2	DATE 4/11/2011
SHEET 2 OF 6	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	-3 ADDED CAD PLATE YELLOW FINISH, CH'D MATERIAL FROM STEEL TO 4140 Q&T.	10/17/2013	CS	RJC



SECTION A-A



NOTE:  
1. DRILL  $\varnothing .125$  AFTER INSTALLING -9 (STUD)  
USING PERMENT THREAD LOCKER

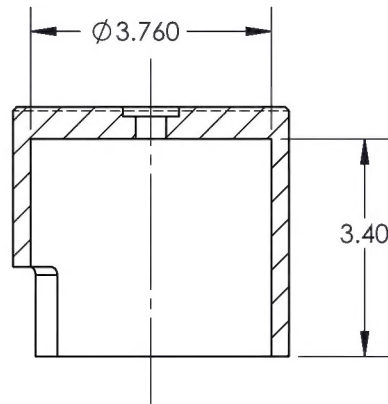
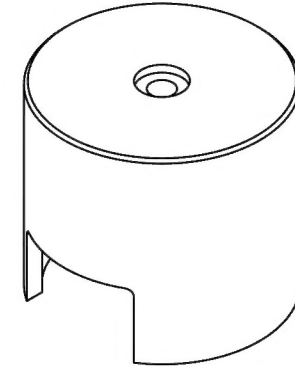
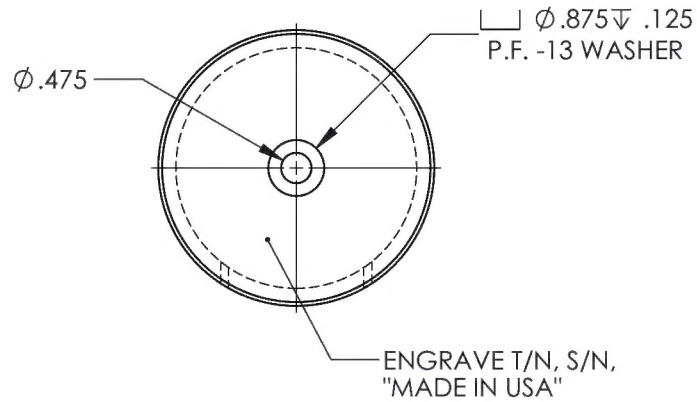
(-3)

BASE

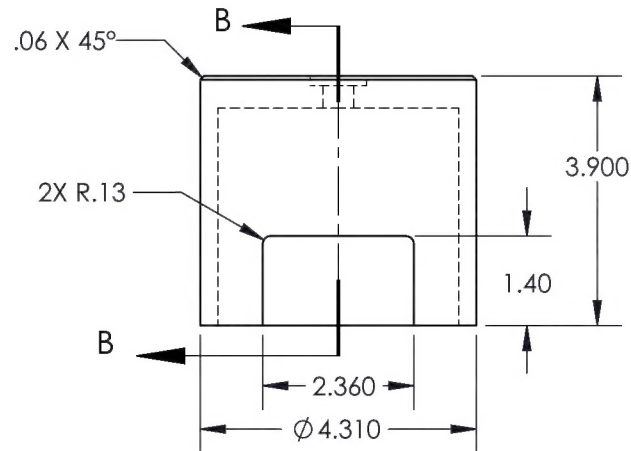
RED BARN MACHINE	
TITLE HOLDER REMOVAL TOOL	
DWG NO. RBW109-3130-80-103-3	REV A
MAT'L 4140 Q&T	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX $\pm .005$	HEAT TREAT
.XX $\pm .01$	FINISH CAD PLATE YELLOW
.X $\pm .1$	SPEC QQ-P-416F, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW109
SCALE 1:2	DATE 4/11/2011
SHEET 3 OF 6	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	-5 ADDED CLEAR ANODIZE FINISH.	10/17/2013	CS	RJC



SECTION B-B

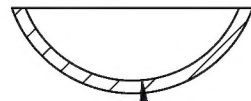
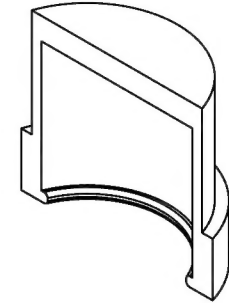
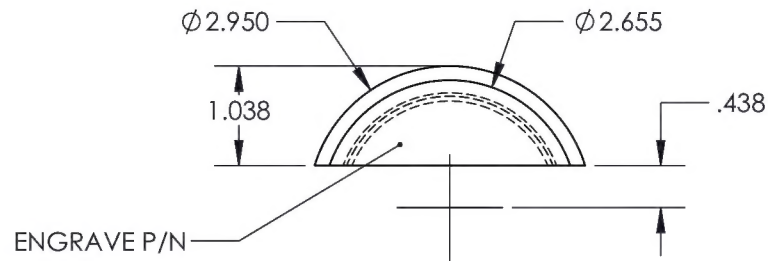


⑤  
CUP

<b>RED BARN MACHINE</b>	
<b>HOLDER REMOVAL TOOL</b>	
DWG NO.	RBW109-3130-80-103-5
MAT'L 6061	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH CLEAR ANODIZE
.X ± .1	SPEC MIL-A-8625F, TYPE II, CLASS I
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW109
SCALE 1:3	DATE 4/11/2011
SHEET 4 OF 6	

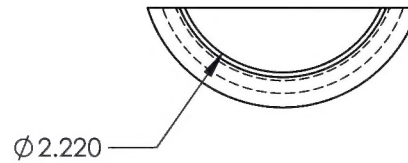
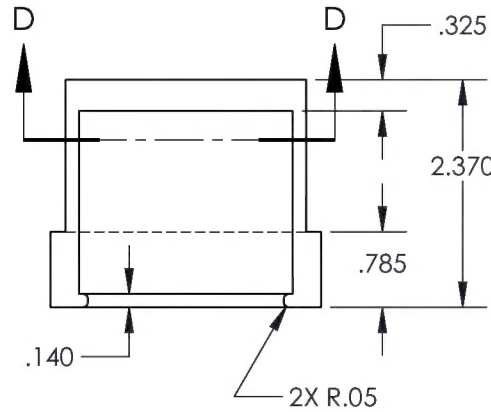
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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	-7 ADDED CAD PLATE FINISH.	10/17/2013	CS	RJC



$\phi 2.390^{+.005}_{-.000}$

SECTION D-D



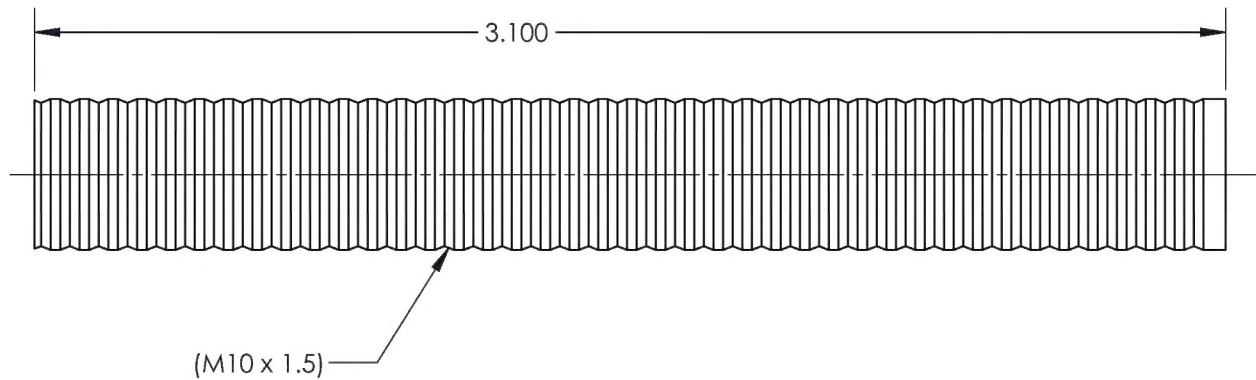
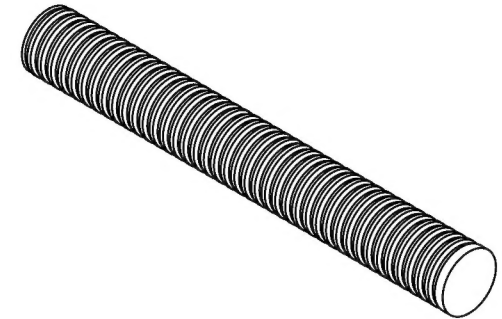
(-7)

INSERT

<b>RED BARN MACHINE</b>	
<b>HOLDER REMOVAL TOOL</b>	
DWG NO. <b>RBW109-3130-80-103-7</b>	REV <b>A</b>
MAT'L 4140 Q & T	DRAWN BY: <b>GILBERT</b>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED <i>D Weil</i> HEAT TREAT FINISH CAD PLATE YELLOW SPEC QQ-P-416F, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL <b>AW109</b>
SCALE 1:2	DATE 4/11/2011
SHEET 5 OF 6	


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
A	-9 ADDED CAD PLATE YELLOW FINISH.	10/17/2013	CS	RJC



(-9)

STUD

 <b>RED BARN MACHINE</b>	
TITLE <b>HOLDER REMOVAL TOOL</b>	
DWG NO. <b>RBW109-3130-80-103-9</b>	REV <b>A</b>
MAT'L STEEL UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	DRAWN BY: <b>GILBERT</b> APPROVED <i>D Weil</i> HEAT TREAT FINISH CAD PLATE YELLOW SPEC QQ-P-416F, TYPE II, CLASS II USED ON MODEL AW109
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE <b>2:1</b>	DATE <b>4/12/2011</b> SHEET <b>6 OF 6</b>